

GLOBAL HUMANITARIAN MISSION

TACS FOR MARIO CATARINO RIVAS HOSPITAL PATIENTS

Global Humanitarian Mission in partnership with Cepudo will be assisting individuals and families who, despite their financial circumstances, are looking for a method to assist their hospitalized family and friends.

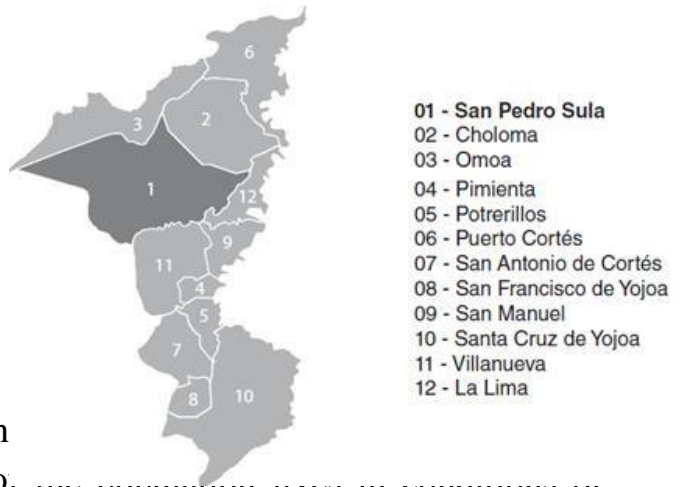
As a secondary goal, we will be able to expedite processes and improve hospital care by covering a specific amount of TAC scans.



WHO AND WHERE ARE THEY

The Mario Catarino Rivas Hospital is the largest medical center in Honduras and was designated as a national hospital. It opened to the public in 1990 in San Pedro Sula, and since then the hospital has provided a wide variety of medical services to Hondurans in the northwestern region of the country.

San Pedro Sula is the city with the highest population growth rate in Honduras. The population is estimated at 444,570 residents, which represents 7% of the total population of the country. This growth is putting enormous pressure on the provision of basic health services, education and housing.



Honduras is one of the poorest countries on the continent, with almost half of the population living in conditions of extreme poverty. Forty-one percent (41.1%) of the Honduran population subsist with income of less than one dollar per day, most of which live in rural areas without access to drinking water, economic opportunities, or access to general healthcare.

WHY IS THIS PROJECT NECESSARY

Mario Catarino Rivas Hospital is currently the largest public hospital in Honduras. The hospital attends approximately 650 patients daily in outpatient consultation, 550 in the five emergency rooms, 550 patients in hospitalization, and 200 admissions in the observation area.

The hospital serves people of different ages, genders, and socioeconomic backgrounds. Since no monetary donations are required for its functioning, the majority of its patients are low-income. However, due to high patient demand, supplies are in short supply, and many patients end up buying their medications and undergoing required tests before an operation, such as TAC scans. The hospital originally had a TAC machine, but due to the high demand for accidents and examinations, the machine was broken, and patients must now travel to locations nearby for a TAC scan.

Many people barely manage to pay the fare to go to the hospital and when they must perform tests outside the hospital, they do not have the necessary resources to do so. Many times, people find themselves outside the hospital or in the corridors asking for money to pay the cost of examinations of their relatives, children, or acquaintances. In addition to having few resources, they have in mind the situation of their family member and what it entails to have him hospitalized or injured. In addition, there are patients in extreme poverty who come to the Hospital alone and cannot afford the exam because of their economic situation and the illness or injury they have and have no family members to support them.

WHAT IS A TAC SCAN

TAC, the acronym for computerized tomography, is a diagnostic technique that uses ionizing radiation to get detailed images of specific areas of the body. The image captured with this method undergoes a transformation from analog to digital.

During a TAC electromagnetic radiation crosses the patient and is captured by small ionization chambers. To obtain detailed information about specific areas of the organism, you need to radiograph the section from multiple angles. The X-ray beam is thus projected following several different trajectories in succession. Such a bundle is much more attenuated as the structures crossed are denser. By constructing a device capable of capturing these differences, you can artificially reconstruct a detailed image of the crossed section.

It is particularly useful in the study of skeletal structures and for analyzing fractures or their outcomes (to evaluate, for example, the position of fracture fragments). It is often used in the oncology field and, thanks to recent developments, is increasingly spreading in the assessment of difficult body areas to investigate such as blood vessels, bronchi, internal heart structures, and colon.

HOW WILL THE PROJECT WORK

The neurosurgeon on duty will evaluate the patient who arrives at the hospital in an emergency. Depending on the severity of the emergency, the doctor will decide whether to summon an ambulance to transport him to the clinic for an immediate TAC scan.

Consequently, the doctor in charge at the time will evaluate the patient to determine whether or not they can pay for the necessary tests. If the doctor determines that the patient cannot afford the required tests, the doctor will issue an order to the clinic that we designated to do the tests. The clinic will proceed with the testing after receiving the doctor's approval.

The clinical laboratory is open from 7:00 a.m. to 5:00 p.m., Monday through Friday. This clinic offers a special rate to the hospital, Mario Catarino Rivas, for the performance of tests during the above-mentioned hours. The price of the cranial tac is 72.80 dollars. If a patient needs a tac exam outside the normal schedule this will have an extra cost. This is because there is an extra fee for early morning and private ambulance charges. The value of the exam will be \$173.92. If testing at off-pick hours is not necessary, those funds will be used for regular price testing.

A total of 420 cranial TAC exams are anticipated to be completed in a calendar year. Of these 420, 300 are anticipated to take place during business hours and 120 during off-peak times. An estimated 35 exams will be conducted each month, twenty-five of which will take place during regular business hours and ten during off-peak times. It should be mentioned that based on the medical demands that occur, the number of examinations each month may change.

PROGRESS AND IMPACT MEASUREMENT

Every month, progress will be measured. In other words, to make the project more viable, we will distribute the Tac scan testing throughout the year. This is because of the large number of patients. Otherwise, the resources will be exhausted in less than six months. This way, we'll be able to keep track of everything and provide accurate reports as needed. The impact will be experienced by patients who could not previously afford such a large-scale test. They will be able to obtain their surgeries or procedures more promptly and efficiently.

Family members will also be relieved of a financial burden to bear, as well as to see their relatives or friends in good health after their lives were in danger.

TESTIMONY OF A DOCTOR AT MARIO CATARINO RIVAS
HOSPITAL

Hello, my name is Fernando Novondo and I am a neurosurgeon at the Mario Catarino Rivas Hospital. We are currently in the great need to perform multiple cranial tac cranial examinations. We need these exams to perform surgical management and adequate treatment to patients in emergency. The tomography equipment of the Hospital is in bad condition due to the wear and tear it has received with the passage of time and the multiple examinations we perform. Currently, low-income patients must go to private clinics to be able to perform examinations for their relatives or friends and many times these same people cannot afford it due to their economic conditions. We thank you in advance for the support and good intentions of donors to save lives.



BUDGET

| DESCRIPTION | UNIT COST | QTY | Totals |
|---|-------------|--------|--------------------|
| Business hours cranial tac | \$ 72.80 | 300.00 | \$21,840.00 |
| Off-peak hours cranial tac (includes private ambulance) | \$ 173.92 | 120.00 | \$20,870.40 |
| Supervision Visit | \$ 25.00 | 12.00 | \$300.00 |
| Indirect Cost | \$ 2,150.52 | 1.00 | \$2,150.52 |
| Monitoring and Evaluation | | | \$9,032.18 |
| TOTAL | | | \$54,193.10 |

Please place PROJECT CODE 0005HD in memo section of check

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